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DATE: Thursday, June 17, 2004

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<input type="checkbox"/>	L14	L13 and l8	49
<input type="checkbox"/>	L13	L12 and l11 and l6	103
<input type="checkbox"/>	L12	topical	86367
<input type="checkbox"/>	L11	hair	167504
<input type="checkbox"/>	L10	hair growth	6640
<input type="checkbox"/>	L9	Shh	504
<input type="checkbox"/>	L8	sonic hedgehog	420
<input type="checkbox"/>	L7	hedgehog polypeptide	110
<input type="checkbox"/>	L6	hedgehog	1294
<input type="checkbox"/>	L5	L4 and l3 and l2 and l1	94
<input type="checkbox"/>	L4	424/185.1	1996
<input type="checkbox"/>	L3	435/69.1	23155
<input type="checkbox"/>	L2	530/300	4575
<input type="checkbox"/>	L1	530/350	18204

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NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in Caplus
NEWS	23	May 27	Caplus super roles and document types searchable in REGISTRY
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=> file medline biosis caplus

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=> s hedgehog

L1 10352 HEDGEHOG

=> s hedgehog polypeptide

L2 21 HEDGEHOG POLYPEPTIDE

=> s sonic hedgehog

L3 3716 SONIC HEDGEHOG

=> s hair

L4 132229 HAIR

=> s hair growth

L5 6529 HAIR GROWTH

=> s topical

L6 119031 TOPICAL

=> s l1 and l4

L7 234 L1 AND L4

=> s l7 and l3

L8 143 L7 AND L3

=> s l8 and l5

L9 22 L8 AND L5

=> s l9 l6

MISSING OPERATOR L9 L6

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s l9 and l6

L10 4 L9 AND L6

=> d l9 1-22

L9 ANSWER 1 OF 22 MEDLINE on STN

AN 2004225646 MEDLINE

DN PubMed ID: 15084463

TI Transient activation of beta-catenin signalling in adult mouse epidermis is sufficient to induce new **hair** follicles but continuous activation is required to maintain **hair** follicle tumours.

AU Celso Cristina Lo; Prowse David M; Watt Fiona M
 CS Keratinocyte Laboratory, Cancer Research UK London Research Institute, 44
 Lincoln's Inn Fields, London WC2A 3PX, UK.
 SO Development (Cambridge, England), (2004 Apr) 131 (8) 1787-99.
 Journal code: 8701744. ISSN: 0950-1991.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200406
 ED Entered STN: 20040506
 Last Updated on STN: 20040604
 Entered Medline: 20040603

L9 ANSWER 2 OF 22 MEDLINE on STN
 AN 2002407223 MEDLINE
 DN PubMed ID: 12161193
 TI In vivo enhanced expression of patched dampens the **sonic hedgehog** pathway.

AU Bergstein Ivan; Leopold Philip L; Sato Noboru; Panteleyev Andrei;
 Christiano Angela; Crystal Ronald
 CS Division of Pulmonary and Critical Care Medicine, Weill Medical College of
 Cornell University, New York, New York, 10021, USA.
 NC AR 46282 (NIAMS)
 SO Molecular therapy : journal of the American Society of Gene Therapy, (2002
 Aug) 6 (2) 258-64.
 Journal code: 100890581. ISSN: 1525-0016.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200210
 ED Entered STN: 20020806
 Last Updated on STN: 20021008
 Entered Medline: 20021004

L9 ANSWER 3 OF 22 MEDLINE on STN
 AN 2002003693 MEDLINE
 DN PubMed ID: 11752010
 TI Effect of adenovirus-mediated expression of **Sonic hedgehog** gene on **hair** regrowth in mice with
 chemotherapy-induced alopecia.

AU Sato N; Leopold P L; Crystal R G
 CS Division of Pulmonary and Critical Care Medicine, Weill Medical College of
 Cornell University, New York, NY 10021, USA.
 NC R01AR46282-01A1 (NIAMS)
 SO Journal of the National Cancer Institute, (2001 Dec 19) 93 (24) 1858-64.
 Journal code: 7503089. ISSN: 0027-8874.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200201
 ED Entered STN: 20020102
 Last Updated on STN: 20020128
 Entered Medline: 20020123

L9 ANSWER 4 OF 22 MEDLINE on STN
 AN 2001477516 MEDLINE
 DN PubMed ID: 11520664
 TI Characterization of Wnt gene expression in developing and postnatal
hair follicles and identification of Wnt5a as a target of
Sonic hedgehog in **hair** follicle morphogenesis.
 AU Reddy S; Andl T; Bagasra A; Lu M M; Epstein D J; Morrissey E E; Millar S E

CS Departments of Dermatology and Cell and Developmental Biology, University
 of Pennsylvania School of Medicine, Philadelphia, PA 19104, USA.
 SO Mechanisms of development, (2001 Sep) 107 (1-2) 69-82.
 Journal code: 9101218. ISSN: 0925-4773.
 CY Ireland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200112
 ED Entered STN: 20010827
 Last Updated on STN: 20020122
 Entered Medline: 20011204

L9 ANSWER 5 OF 22 MEDLINE on STN
 AN 2001108760 MEDLINE
 DN PubMed ID: 11152763
 TI Controls of **hair** follicle cycling.
 AU Stenn K S; Paus R
 CS Beauty Genome Sciences Inc., Skillman, New Jersey, USA..
 kstenn@cpcus.jnj.com
 SO Physiological reviews, (2001 Jan) 81 (1) 449-494. Ref: 619
 Journal code: 0231714. ISSN: 0031-9333.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200102
 ED Entered STN: 20010322
 Last Updated on STN: 20010322
 Entered Medline: 20010208

L9 ANSWER 6 OF 22 MEDLINE on STN
 AN 1999441307 MEDLINE
 DN PubMed ID: 10510326
 TI Induction of the **hair growth** phase in postnatal mice
 by localized transient expression of **Sonic hedgehog**.
 CM Comment in: J Clin Invest. 1999 Oct;104(7):851-3. PubMed ID: 10510325
 AU Sato N; Leopold P L; Crystal R G
 CS Division of Pulmonary and Critical Care Medicine, Weill Medical College of
 Cornell University-New York Presbyterian Hospital, New York, New York
 10021, USA.
 SO Journal of clinical investigation, (1999 Oct) 104 (7) 855-64.
 Journal code: 7802877. ISSN: 0021-9738.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 199911
 ED Entered STN: 20000111
 Last Updated on STN: 20000111
 Entered Medline: 19991102

L9 ANSWER 7 OF 22 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:68635 BIOSIS
 DN PREV200200068635
 TI Effect of adenovirus-mediated expression of **Sonic
 hedgehog** gene on **hair** regrowth in mice with
 chemotherapy-induced alopecia.
 AU Sato, Noboru; Leopold, Philip L.; Crystal, Ronald G. [Reprint author]
 CS Institute of Genetic Medicine, Weill Medical College of Cornell
 University, 520 East 70th St., Starr 505, New York, NY, 10021, USA
 geneticmedicine@med.cornell.edu

SO Journal of the National Cancer Institute (Bethesda), (December 19, 2001)
Vol. 93, No. 24, pp. 1858-1864. print.
CODEN: JNCIEQ. ISSN: 0027-8874.

DT Article
LA English
ED Entered STN: 16 Jan 2002
Last Updated on STN: 25 Feb 2002

L9 ANSWER 8 OF 22 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:492563 BIOSIS
DN PREV200100492563
TI Characterization of Wnt gene expression in developing and postnatal
hair follicles and identification of Wnt5a as a target of
Sonic hedgehog in **hair** follicle morphogenesis.

AU Reddy, Seshamma; Andl, Thomas; Bagasra, Alexander; Lu, Min Min; Epstein,
Douglas J.; Morrissey, Edward E.; Millar, Sarah E. [Reprint author]
CS M8D Stellar-Chance Laboratories, 422 Curie Boulevard, Philadelphia, PA,
19104-6100, USA
millars@mail.med.upenn.edu

SO Mechanisms of Development, (September, 2001) Vol. 107, No. 1-2, pp. 69-82.
print.
CODEN: MEDVE6. ISSN: 0925-4773.

DT Article
LA English
ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L9 ANSWER 9 OF 22 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:336418 BIOSIS
DN PREV200000336418
TI Induction of the **hair** growth phase in postnatal mice
by localized transient expression of **Sonic hedgehog**.

AU Sato, Noboru; Leopold, Philip L.; Crystal, Ronald G. [Reprint author]
CS Weill Medical College of Cornell University-New York Presbyterian
Hospital, 520 East 70th Street, ST 505, New York, NY, 10021, USA

SO Journal of Clinical Investigation, (October, 1999) Vol. 104, No. 7, pp.
855-864. print.
CODEN: JCINAO. ISSN: 0021-9738.

DT Article
LA English
ED Entered STN: 10 Aug 2000
Last Updated on STN: 7 Jan 2002

L9 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:382989 CAPLUS
DN 140:404186
TI Transient activation of β -catenin signalling in adult mouse epidermis
is sufficient to induce new **hair** follicles but continuous
activation is required to maintain **hair** follicle tumours

AU Lo Celso, Cristina; Prowse, David M.; Watt, Fiona M.
CS Keratinocyte Laboratory, Cancer Research UK London Research Institute,
London, WC2A 3PX, UK

SO Development (Cambridge, United Kingdom) (2004), 131(8), 1787-1799
CODEN: DEVPED; ISSN: 0950-1991

PB Company of Biologists Ltd.
DT Journal
LA English

RE.CNT 78 THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:978471 CAPLUS
DN 138:39182
TI Preparation of substituted benzothiophene derivatives as **hedgehog**

agonists and regulators of cell proliferation and differentiation
 IN Baxter, Anthony David; Boyd, Edward Andrew; Guicherit, Oivin M.; Porter,
 Jeffery; Price, Stephen; Rubin, Lee; Stibbard, John Harry Alexander
 PA Curis, Inc., UK
 SO U.S. Pat. Appl. Publ., 130 pp., Cont.-in-part of U.S. Ser. No. 724,492.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002198236	A1	20021226	US 2001-964276	20010926
	US 6683192	B2	20040127		
	US 6683108	B1	20040127	US 2000-724492	20001128
	US 2003139457	A1	20030724	US 2002-245844	20020917
	WO 2003027234	A2	20030403	WO 2002-US29522	20020918
	WO 2003027234	A3	20031218		
	WO 2003027234	C2	20040219		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG

PRAI US 2000-193279P P 20000330
 US 2000-724492 A2 20001128
 WO 2001-US10296 A2 20010330
 US 2001-964276 A2 20010926

OS MARPAT 138:39182

L9 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:612915 CAPLUS

DN 138:202199

TI In vivo enhanced expression of patched dampens the **sonic**
hedgehog pathway

AU Bergstein, Ivan; Leopold, Philip L.; Sato, Noboru; Panteleyev, Andrei A.;
 Christiano, Angela M.; Crystal, Ronald G.

CS Division of Pulmonary and Critical Care Medicine, Division of
 Hematology-Oncology, Weill Medical College of Cornell University, New
 York, NY, 10021, USA

SO Molecular Therapy (2002), 6(2), 258-264

CODEN: MTOHCK; ISSN: 1525-0016

PB Elsevier Science

DT Journal

LA English

RE.CNT 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:50171 CAPLUS

DN 137:15381

TI Effect of adenovirus-mediated expression of **sonic**
hedgehog gene on **hair** regrowth in mice with
 chemotherapy-induced alopecia

AU Sato, Noboru; Leopold, Philip L.; Crystal, Ronald G.

CS Division of Pulmonary and Critical Care Medicine, Weill Medical College of
 Cornell University, New York, NY, 10021, USA

SO Journal of the National Cancer Institute (2001), 93(24), 1858-1864

CODEN: JNCIEQ; ISSN: 0027-8874

PB Oxford University Press
DT Journal
LA English

RE.CNT 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:749543 CAPLUS
DN 136:35262
TI Noggin is required for induction of the **hair** follicle growth
phase in postnatal skin
AU Botchkarev, Vladimir A.; Botchkareva, Natalia V.; Nakamura, Motonobu;
Huber, Otmar; Funa, Keiko; Lauster, Roland; Paus, Ralf; Gilchrest, Barbara
A.
CS Department of Dermatology, Boston University School of Medicine, Boston,
MA, 02118, USA
SO FASEB Journal (2001), 15(12), 2205-2214
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English

RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:747593 CAPLUS
DN 135:283224
TI Small organic molecule **hedgehog** agonists as regulators of cell
proliferation and differentiation
IN Baxter, Anthony David; Boyd, Edward Andrew; Guicherit, Oivin M.; Porter,
Jeffrey; Price, Stephen; Rubin, Lee E.
PA Curis, Inc., USA
SO PCT Int. Appl., 246 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 2001074344	A2	20011011	WO 2001-US10296	20010330
	WO 2001074344	A3	20020523		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6613798	B1	20030902	US 2000-724955	20001128
	US 6683108	B1	20040127	US 2000-724492	20001128
	EP 1272168	A2	20030108	EP 2001-922914	20010330
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	JP 2003535822	T2	20031202	JP 2001-572089	20010330
	US 2003139457	A1	20030724	US 2002-245844	20020917
PRAI	US 2000-193279P	P	20000330		
	US 2000-724492	A	20001128		
	US 2000-724955	A	20001128		
	WO 2001-US10296	W	20010330		
	US 2001-964276	A2	20010926		
OS	MARPAT 135:283224				

L9 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:611202 CAPLUS
 DN 136:244864
 TI Characterization of Wnt gene expression in developing and postnatal
hair follicles and identification of Wnt5a as a target of
Sonic hedgehog in **hair** follicle morphogenesis
 AU Reddy, S.; Andl, T.; Bagasra, A.; Lu, M. M.; Epstein, D. J.; Morrissey, E.
 E.; Millar, S. E.
 CS Departments of Dermatology and Cell and Developmental Biology, University
 of Pennsylvania School of Medicine, Philadelphia, PA, 19104, USA
 SO Mechanisms of Development (2001), 107(1-2), 69-82
 CODEN: MEDVE6; ISSN: 0925-4773
 PB Elsevier Science Ireland Ltd.
 DT Journal
 LA English
 RE.CNT 96 THERE ARE 96 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:209768 CAPLUS
 DN 134:263807
 TI Controls of **hair** follicle cycling
 AU Stenn, K. S.; Paus, R.
 CS Beauty Genome Sciences Inc., Skillman, NJ, USA
 SO Physiological Reviews (2001), 81(1), 449-494
 CODEN: PHREA7; ISSN: 0031-9333
 PB American Physiological Society
 DT Journal; General Review
 LA English
 RE.CNT 618 THERE ARE 618 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:208250 CAPLUS
 DN 134:252352
 TI Preparation of 3-aryl-2-arylhureidoalkylquinazolin-4-ones and related
 compounds as mediators of **hedgehog** signaling pathways.
 IN Baxter, Anthony David; Boyd, Edward Andrew; Guichert, Oivin M.; Price,
 Stephen; Rubin, Lee D.
 PA Curis, Inc., USA
 SO PCT Int. Appl., 177 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001019800	A2	20010322	WO 2000-US25461	20000915
	WO 2001019800	A3	20011206		
	WO 2001019800	C2	20021003		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1216234	A2	20020626	EP 2000-963551	20000915
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
	JP 2003509414	T2	20030311	JP 2001-523380	20000915
	US 6545005	B1	20030408	US 2000-663835	20000915

PRAI US 1999-154526P P 19990916
US 1999-159412P P 19991014
US 1999-162899P P 19991101
WO 2000-US25461 W 20000915
OS MARPAT 134:252352

L9 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:227528 CAPLUS
DN 132:270066
TI **Hedgehog** and patched antagonists for inhibiting cell and tissue
growth and differentiation and uses thereof
IN Burkly, Linda; Wang, Li Chun
PA Biogen, Inc., USA
SO PCT Int. Appl., 55 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000018428	A2	20000406	WO 1999-US20852	19990910
	WO 2000018428	A3	20000525		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2343335	AA	20000406	CA 1999-2343335	19990910
	AU 9959186	A1	20000417	AU 1999-59186	19990910
	EP 1112087	A2	20010704	EP 1999-946873	19990910
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 2002015702	A1	20020207	US 2001-804490	20010312
PRAI	US 1998-100037P	P	19980911		
	WO 1999-US20852	W	19990910		

L9 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:644628 CAPLUS
DN 131:335035
TI Induction of the **hair growth** phase in postnatal mice
by localized transient expression of **sonic hedgehog**
AU Sato, Noboru; Leopold, Philip L.; Crystal, Ronald G.
CS Division of Pulmonary and Critical Care Medicine, Weill Medical College of
Cornell University-New York Presbyterian Hospital, New York, NY, 10021,
USA
SO Journal of Clinical Investigation (1999), 104(7), 855-864
CODEN: JCINAO; ISSN: 0021-9738
PB American Society for Clinical Investigation
DT Journal
LA English
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L9 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:644627 CAPLUS
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TI The **hedgehog** and the **hair** follicle: a growing
relationship
AU Dlugosz, Andrzej
CS Department of Dermatology and Comprehensive Cancer Center, University of
Michigan, Ann Arbor, MI, 48109-0932, USA

SO Journal of Clinical Investigation (1999), 104(7), 851-853
 CODEN: JCINAO; ISSN: 0021-9738
 PB American Society for Clinical Investigation
 DT Journal; General Review
 LA English
 RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L9 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:282115 CAPLUS
 DN 130:320865
 TI Regulation of epithelial tissue by **hedgehog**-like polypeptides
 for stimulation of skin or **hair** formation
 IN Wang, Elizabeth A.
 PA Ontogeny, Inc., USA
 SO PCT Int. Appl., 146 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9920298	A1	19990429	WO 1998-US22227	19981020
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
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